Bychigeri Keerthi
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CAREER OBJECTIVE:

- To work in a highly competitive arena to enhance my technical skills, job prospectus and to be a key and responsible team member for the organization and give my best to attend excellence.

PROFILE

- DevOps Engineer with 5.4 years of IT experience. Expertise in DevOps tools (Git, Maven, Jenkins, Ansible and Docker) and managing Infrastructure on AWS Cloud. Experience with Configuration Management, Build, Release Management and Containerization.

TECHNICAL SKILLS:

- Experienced in working on **DevOps operations process** and tools.
- Extensively worked with Version Control Systems like **GIT.**
- Extensively worked with automation tools like **Jenkins** to implement the end-to-end automation.
- Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as **War & Ear** from source code
- Experience in integrating **Unit Tests** and Code Quality Analysis Tools like **SonarQube.**
- **Administration** and creation of Individual **Jenkins** jobs, including automatic generation, reporting and alerting of build failures and build status indicators. ● Experience in using **Nexus** Repository Manager for Maven builds.
- Administered and Implemented CI tool **Jenkins** for automated builds.
- Experience is using **Tomcat** application servers for deployments.
- Application Deployments & Environment configuration using **Ansible.**
- Good Experience in **Docker** like creating **Docker Images**, **Containers and Docker Swarm.**
- Good Experience in AWS like **VPC, VOLUMES, EC2, S3, ELB snapshots and DLM**
- Managed daily builds and releases to QA. Debugged build failures and worked with developers and QA people to resolve related issues.
- Responsible for Creating and maintaining builds and Administering Jenkins and Involved in Deployment related activities.
- Deployed applications **(WAR and EAR)** in various environments like Development, System **Test, QA.**
- Entails trouble shooting and resolved build Issue and any deployment Issue (**Application Related**).
- Good working Knowledge with **Agile** Product Development methodology.
- Familiar with **Software Development Life Cycle** (SDLC) processes.
- Having good experience on **Installing** and **configuring Devops tools**.

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- Ability to work closely with teams, to ensure high quality and timely delivery of builds and releases.

- Good Understanding Knowledge on **Kubernetes** and **Terraform**.

Tools / Technical Skills:

• Operating System : Ubuntu, Windows, Centos & Red Hat. • Micro services : Docker
• Orchestration : Docker Swarm
• Build Tools : Maven
• Continuous Integration tool : Jenkins
• Version Control Tools : GIT
• Web/ Application Servers : Apache Tomcat
• Cloud Environment : AWS
• Code Quality Tools : SonarQube
• Scripting languages : Basics of Shell scripting & python • Conf.Mgmt Tools : Ansible.

Professional Experience:

Company : iGot Tech Solutions Pvt Ltd,Bengaluru.
Duration : Nov, 2015 to till date
Designation : DevOps Engineer

Project 1 : LOWES, RONA
Client : Lowes
Role : DevOps Engineer
Tools : AWS, Jenkins, Git, Linux, Maven, Shell script, Ansible, Docker
Duration : Oct, 2019 to till date

Lowe's Companies, Inc., doing business as Lowe's, is an American retail company specializing in home improvement and acquired RONA Canada based company

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Responsibilities:

- Worked with various tools, which includes Version controls Tool – Git and GitHub, Build tool - Maven, Continuous Integration Tools - Jenkins, Automation Tool – Ansible, Cloud Tools - AWS and Platform –Red Hat Linux.
- Setting up projects and helping development and quality assurance teams to achieve their timelines.
- Create and establish the build process using Maven to perform builds efficiently and deployment the application into Apache Tomcat server using Jenkins job.
- Creating CI/CD pipelines by integrating Git, GitHub, Jenkins, ansible
- Worked for DevOps Process by integrating Source controls tools, Build Tools, CI tools and CD tools to start new DevOps services in organization
- Creating new jobs in Jenkins and managing the build related issues.
- Coordinating with the Development team to fix the Build related issues.
- Creating various POC's of CI/CD pipelines by integrating source control tools GIT, GitHub, Build tools Maven, CI tool like Jenkins and Deployment automation tool like puppet.
- Creating a continuous deployment pipeline by creating component processes, Applications and adding environments into handling deployments using code pipeline and AWS code deployment for various deployment scenarios like Tomcat deployment, Multiple applications deployment.
- Deploying static content and configuration files to build servers and also release of software components into development, pre-production and production environments
. ● Implementing new projects builds framework using Jenkins & Maven as build framework tools.
- Performing multiple daily builds for multiple software releases.
- Deploy and configure various applications on EC2 instances and created, configured s3 buckets with restricted policies.
- Writing deployment yaml playbooks to deploy application in Ansible
- Automated the build and deployment process using Jenkins job.
- Work with Dev and QA teams closely to make sure builds are available all the time.
- Communicating and working with development, and test teams to resolve build related issues in a high priority manner.
- Deployed applications in containers for test purpose and have been involved in R&D of containerizing applications.
- Worked in YAML Language for Writing Task, Handlers, Playbooks and Roles using Ansible.

- Setup the Continuous Integration/Continuous Deployment (CI/CD) process.
- CI/CD Pipeline using Ansible, Jenkins, Docker to automate the deployments of servers.
- Troubleshooting and stabilizing the various environments Build, Deploy and environment issues.

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Project 2 : TRANSAMERICA
Client : Transamerica,Cedar Rapids.
Role : DevOps Engineer
Tools : AWS, Jenkins, Git, Linux, Maven, Shell script, Ansible, Docker
Duration : Jan, 2017 to Sep, 2019

Description:

Transamerica's corporate website is a comprehensive, integrated, Modular Standards Based system. It integrates modular applications like Annuities, Insurance Mutual Funds, and Retirement solutions in to a Seamless Work Flow of Financial Events and processes across Multiple Departments and Functional areas. TAA.com website along with this it is supporting other websites also such as PLA and currently it is supporting Premier.transamerica.com. TAA.com will provide facility to view customer policy details, values, transaction details. This site having Individual Investors, Financial Professional user interface.TAA.com will provide facility to view customer policy details, values, transaction details.

Roles & Responsibilities:
- Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using **GIT** source control.

- Configured and maintained **Jenkins** to implement the **CI** process and integrated the tool with **Maven** to schedule the builds and automated the deployment on the application servers using the "code deploy" plugin for Jenkins.

- **Continuous Delivery** is being enabled through **Deployment** into several environments of Test, QA and Production using **Jenkins**.

- Automate the builds and deployment of **projects** using Jenkins.
- Implement, maintain and support reliable, timely and reproducible builds for project teams
- Hands on experience in automating builds and deployment processes using Shell scripting.
- Expertise level knowledge of Amazon EC2, Amazon S3, Elastic Load Balancing and Cloud Watch.
- Involved in fixing the **Bugs** in the build script.

- Preparing the builds, scripts by using the maven build tool on the Red hat Linux platform.

- Scripting in multiple languages on UNIX and Windows – **Batch, Shell** script etc.

- Implementing continuous delivery using Ansible.

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- Manage configuration of Web App and Deploy to **AWS** cloud server through **Ansible.**

Project 3 : CIMB Bank
Client : CIMB, Malaysia
Role : Build and Release Engineer
Tools : Jenkins, Git, Linux, Maven.
Duration : Nov, 2015 to Dec, 2017.

Description:

The CIMB is a largest Malaysian bank which operates in Investment, Corporate and Consumer banking. The primary objective was to design the application to register a fraudulent case and investigate, design payment reschedule and course of payment recovery. This process involves the customer info creation through legacy banking application and doing follow ups with customer to repay the amount to bank.

Roles & Responsibilities:
- Creating automated build and release environments using Continuous Integration tools Jenkins**.**
- Troubleshoot the Build and Deploy issues
- Responsible for Release activities and Roll-back if required.
- Maintain server loads across all environments
- Maintained maven pom.xml file to create artifacts.
- Maintain baseline code in repository and responsible for branching, merging and tagging.
- Part of Configuration Management to Provide access Permissions to developers for check in, checkout.
- Prepared Build Report for each and every build.
- Supported application development on Linux server.
- Responsible for Pre and Post Production Steps.
- Deploying applications in all environments like UAT and PROD.
- Installation and Configuration of Continuous Integration Tools Jenkins.

- Configured CI, Nightly and Release builds/jobs in Jenkins.
- Performed code merges on a regular frequency to integrate the source code from various branches.

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